What is version control?

* Version controls enables programmers that’s working on their project to tracks and view the changes they made to their projects
* It’s a helpful tool for programmers so they can recover any earlier version of their projects in case they want to revert back or made a mistake to the last changes they made.
* It also give programmers a transparency on their projects on who made those changes, why they were made, how they changed the code and when did they changed it.
* Version controls can make creating a project easier with multiple contributors as it tracks the changes, decisions, timelines and progress history of their project.
* With version control any programmers that wants to contribute to the project can easily understand the codes because they have all the necessary information and context the need.

IMPLEMENTATION

1. Create a github repository, this will hold all the files including the revision history which can be organized into branches.
2. Install git in your local computer and copy the file path of the git file and paste it into the path of the systems environment variables, this enables you to use git commands.
3. After that, the command “git init” will initialize the new git repository and tracks the existing directory
4. The command “git add .” will create a stage, all the changes that are staged will become part of the projects history.
5. The command “git commit” will save the snapshot to the project history that has been staged by the “git add.” command.
6. The command “git branch” will create the branch being worked on locally
7. The command “git add origin” will create a remote connection named origin that points to the git repository.
8. The command “git push” will update any changes made to the remote repository with any of the commits made in the local branch.

SAMPLE CODE

* git init
* git add .
* git commit -m "first commit"
* git branch -M main
* git remote add origin https://github.com/jhinjyne/Chandel-Jyne-Carabio.git
* git push -u origin main